

IN THE UNITED STATES  
**PATENT AND TRADEMARK OFFICE**  
**PATENT APPLICATION**

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Applicants: **McBRIDE, et al.**Case: **SAR 14049**Serial No.: **09/925,885**Group Art Unit: **2874**Filed: **August 1, 2001**Examiner: **K. S. Wood**Title: **MICROFLUIDIC OPTICAL SWITCH**

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CERTIFICATE OF MAILING 37 CFR 1.8	
I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office to the fax number indicated by the Examiner, namely, fax number 703-872-9306 to the attention of the named Examiner, on the date below.	
2/22/05	<i>K. S. Wood</i>
Date	Signature

**RESPONSE TO FINAL OFFICE ACTION DATED DECEMBER 20, 2004****SIR:**

In response to the Final Office Action dated December 20, 2004, having a shortened statutory period for response set to expire on March 20, 2005, please enter this response and reconsider the claims pending in the application for reasons discussed below. Although Applicant believes that no additional fees are due in connection with this response, the Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782, for any fees, including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.

*Do Not Enter.*  
*KSW 3/7/05*